

OIP
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PATENT & TRADE

SEQUENCE LISTING

<110> ZHANG , HUANMIN
AX, ROY L
BELLIN, MARY E

<120> ISOLATED POLYNUCLEOTIDE SEQUENCES ENCODING A FERTILITY ASSOCIATED ANTIGEN

<130> 210707US20

<140> US 09/905,114

<141> 2001-07-16

<150> US 60/218,140

<151> 2000-07-14

<160> 11

<170> PatentIn version 3.1

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att agc tct cgc ctt gga aga aac aca tat aaa gaa cag tat gcc ttt 96
Ile Ser Ser Arg Leu Gly Arg Asn Thr Tyr Lys Glu Gln Tyr Ala Phe
20 25 30

ctc tat aaa gaa aag cta gtg tct gta aaa caa agc tac ctc tac cac 144
Leu Tyr Lys Glu Lys Leu Val Ser Val Lys Gln Ser Tyr Leu Tyr His
35 40 45

gac tat cag gct gga gac gca gat gtg ttt tcc agg gaa ccc ttt gtg 192
Asp Tyr Gln Ala Gly Asp Ala Asp Val Phe Ser Arg Glu Pro Phe Val
50 55 60

gtc tgg ttc cag tca ccc tac acc gct gtc aag gac ttc gtg att gtc 240
Val Trp Phe Gln Ser Pro Tyr Thr Ala Val Lys Asp Phe Val Ile Val
65 70 75 80

ccc ctg cac acc acc cct gag aca tcc gtt aga gag att gat gag ctg 288
Pro Leu His Thr Thr Pro Glu Thr Ser Val Arg Glu Ile Asp Glu Leu
85 90 95

gct gat gtc tac aca gat gtg aaa cgt cgc tgg aat gca gag aat ttc 336
Ala Asp Val Tyr Thr Asp Val Lys Arg Arg Trp Asn Ala Glu Asn Phe

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att ttc atg ggt gac ttc aat gct ggc tgc agc tac gtc ccc aag aag			384
Ile Phe Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Pro Lys Lys			
115	120	125	
gcc tgg aag gac atc cgc ctg agg acg gac ccc aag ttc gtt tgg ctg			432
Ala Trp Lys Asp Ile Arg Leu Arg Thr Asp Pro Lys Phe Val Trp Leu			
130	135	140	
atc ggg gac caa gag gac acc acg gtc aag aag agc aca aac tgc gcc			480
Ile Gly Asp Gln Glu Asp Thr Thr Val Lys Lys Ser Thr Asn Cys Ala			
145	150	155	160
tat gac agg atc gtg ctt aga gga caa aat att gtc aac tct ggt ggt			528
Tyr Asp Arg Ile Val Leu Arg Gly Gln Asn Ile Val Asn Ser Gly Gly			
165	170	175	
cct caa tca aac ctc gtc ttt gat ttc cag aaa gct tac agg ttg tct			576
Pro Gln Ser Asn Leu Val Phe Asp Phe Gln Lys Ala Tyr Arg Leu Ser			
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Leu Tyr Lys Glu Lys Leu Val Ser Val Lys Gln Ser Tyr Leu Tyr His			
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Asp Tyr Gln Ala Gly Asp Ala Asp Val Phe Ser Arg Glu Pro Phe Val			
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Val Trp Phe Gln Ser Pro Tyr Thr Ala Val Lys Asp Phe Val Ile Val			
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Pro Leu His Thr Thr Pro Glu Thr Ser Val Arg Glu Ile Asp Glu Leu			
85	90	95	

Ala Asp Val Tyr Thr Asp Val Lys Arg Arg Trp Asn Ala Glu Asn Phe
100 105 110

Ile Phe Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Pro Lys Lys
115 120 125

Ala Trp Lys Asp Ile Arg Leu Arg Thr Asp Pro Lys Phe Val Trp Leu
130 135 140

Ile Gly Asp Gln Glu Asp Thr Thr Val Lys Lys Ser Thr Asn Cys Ala
145 150 155 160

Tyr Asp Arg Ile Val Leu Arg Gly Gln Asn Ile Val Asn Ser Gly Gly
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Glu Ser Lys Ala Leu
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tcaactctgg tggtcctcaa tcaaacctg tctttgattt ccagaaagct tacaggttgt 600
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1 5 10 15

Ala Gly Phe Asn Ala Met Arg Val Ile Val
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Met Glu Lys Leu Asn His His

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